

Massachusetts HIV/AIDS Surveillanc Program

TRENDS IN MASSACHUSETTS AIDS CASES BY RISK FACTOR AND YEAR OF DIAGNOSIS

Cumulative Cases reported as of 06/01/2006

| Mode of Exposure | <=1996 | | 1997 | | 1998 | | 1999 | | 2000 | | 2001 | | 2002 | | 2003 | | 2004 | | TOTAL* | |
|--|--------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--------|--------|
| Male Sex w/Male | 5,455 | 41.1% | 243 | 26.5% | 253 | 26.2% | 232 | 25.0% | 174 | 22.4% | 166 | 23.8% | 164 | 24.8% | 128 | 23.0% | 145 | 25.0% | 7,121 | 35.8% |
| Injection Drug Use | 4,534 | 34.2% | 366 | 40.0% | 348 | 36.1% | 369 | 39.8% | 263 | 33.8% | 206 | 29.5% | 184 | 27.8% | 157 | 28.2% | 140 | 24.1% | 6,679 | 33.6% |
| MSM & IDU | 585 | 4.4% | 35 | 3.8% | 31 | 3.2% | 27 | 2.9% | 16 | 2.1% | 27 | 3.9% | 22 | 3.3% | 14 | 2.5% | 17 | 2.9% | 791 | 4.0% |
| Rec. of blood/prod. | 345 | 2.6% | 12 | 1.3% | 13 | 1.3% | 3 | 0.3% | 6 | 0.8% | 5 | 0.7% | 3 | 0.5% | 2 | 0.4% | 5 | 0.9% | 394 | 2.0% |
| Heterosexual | 1,152 | 8.7% | 122 | 13.3% | 126 | 13.1% | 117 | 12.6% | 132 | 17.0% | 108 | 15.5% | 104 | 15.7% | 88 | 15.8% | 68 | 11.7% | 2,091 | 10.5% |
| Sex w/IDU | 579 | 4.4% | 45 | 4.9% | 52 | 5.4% | 48 | 5.2% | 56 | 7.2% | 36 | 5.2% | 37 | 5.6% | 32 | 5.8% | 26 | 4.5% | 935 | 4.7% |
| Sex w/Bi Male | 35 | 0.3% | 1 | 0.1% | 2 | 0.2% | 0 | 0.0% | 2 | 0.3% | 0 | 0.0% | 1 | 0.2% | 1 | 0.2% | 2 | 0.3% | 44 | 0.2% |
| Sex w/bld/prdt recip. | 31 | 0.2% | 2 | 0.2% | 1 | 0.1% | 1 | 0.1% | 2 | 0.3% | 0 | 0.0% | 2 | 0.3% | 1 | 0.2% | 0 | 0.0% | 41 | 0.2% |
| Sex w/HIV/AIDS | 507 | 3.8% | 74 | 8.1% | 71 | 7.4% | 68 | 7.3% | 72 | 9.3% | 72 | 10.3% | 64 | 9.7% | 54 | 9.7% | 40 | 6.9% | 1,071 | 5.4% |
| Undetermined/Other | 986 | 7.4% | 129 | 14.1% | 190 | 19.7% | 178 | 19.2% | 183 | 23.5% | 177 | 25.4% | 181 | 27.4% | 159 | 28.6% | 202 | 34.8% | 2,566 | 12.9% |
| Presumed Hetero-Unk risk of partner** | 594 | 4.5% | 80 | 8.7% | 140 | 14.5% | 152 | 16.4% | 150 | 19.3% | 133 | 19.1% | 130 | 19.7% | 101 | 18.2% | 124 | 21.4% | 1,718 | 8.6% |
| Undetermined/Other*** | 392 | 3.0% | 49 | 5.3% | 50 | 5.2% | 26 | 2.8% | 33 | 4.2% | 44 | 6.3% | 51 | 7.7% | 58 | 10.4% | 78 | 13.4% | 848 | 4.3% |
| Pediatric | 202 | 1.5% | 9 | 1.0% | 4 | 0.4% | 2 | 0.2% | 4 | 0.5% | 9 | 1.3% | 3 | 0.5% | 8 | 1.4% | 3 | 0.5% | 248 | 1.2% |
| TOTAL (% of total) | 13,259 | 66.7% | 916 | 4.6% | 965 | 4.9% | 928 | 4.7% | 778 | 3.9% | 698 | 3.5% | 661 | 3.3% | 556 | 2.8% | 580 | 2.9% | 19,890 | 100.0% |

TRENDS IN BOSTON AIDS CASES BY RISK FACTOR AND YEAR OF DIAGNOSIS

Cumulative Cases reported as of 06/01/2006 &

| Mode of Exposure | <=1996 | | 1997 | | 1998 | | 1999 | | 2000 | | 2001 | | 2002 | | 2003 | | 2004 | | TOTAL* | |
|--|--------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--------|--------|
| Male Sex w/Male | 2,301 | 51.0% | 88 | 36.1% | 100 | 34.2% | 75 | 34.9% | 66 | 31.3% | 53 | 30.5% | 58 | 31.4% | 40 | 23.8% | 43 | 30.3% | 2,884 | 45.9% |
| Injection Drug Use | 1,168 | 25.9% | 66 | 27.0% | 77 | 26.4% | 58 | 27.0% | 47 | 22.3% | 41 | 23.6% | 40 | 21.6% | 48 | 28.6% | 26 | 18.3% | 1,589 | 25.3% |
| MSM & IDU | 195 | 4.3% | 5 | 2.0% | 6 | 2.1% | 5 | 2.3% | 4 | 1.9% | 8 | 4.6% | 4 | 2.2% | 5 | 3.0% | 6 | 4.2% | 240 | 3.8% |
| Rec. of blood/prod. | 67 | 1.5% | 3 | 1.2% | 5 | 1.7% | 3 | 1.4% | 0 | 0.0% | 1 | 0.6% | 1 | 0.5% | 0 | 0.0% | 1 | 0.7% | 81 | 1.3% |
| Heterosexual | 330 | 7.3% | 45 | 18.4% | 39 | 13.4% | 28 | 13.0% | 32 | 15.2% | 20 | 11.5% | 33 | 17.8% | 23 | 13.7% | 20 | 14.1% | 582 | 9.3% |
| Sex w/IDU | 148 | 3.3% | 12 | 4.9% | 11 | 3.8% | 6 | 2.8% | 12 | 5.7% | 4 | 2.3% | 10 | 5.4% | 7 | 4.2% | 8 | 5.6% | 220 | 3.5% |
| Sex w/Bi Male | 4 | 0.1% | 1 | 0.4% | 0 | 0.0% | 0 | 0.0% | 1 | 0.5% | 0 | 0.0% | 1 | 0.5% | 0 | 0.0% | 1 | 0.7% | 8 | 0.1% |
| Sex w/bld/prdt recip. | 3 | 0.1% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 2 | 1.1% | 0 | 0.0% | 0 | 0.0% | 5 | 0.1% |
| Sex w/HIV/AIDS | 175 | 3.9% | 32 | 13.1% | 28 | 9.6% | 22 | 10.2% | 19 | 9.0% | 16 | 9.2% | 20 | 10.8% | 16 | 9.5% | 11 | 7.7% | 349 | 5.6% |
| Undetermined/Other | 391 | 8.7% | 37 | 15.2% | 64 | 21.9% | 46 | 21.4% | 61 | 28.9% | 50 | 28.7% | 48 | 25.9% | 52 | 31.0% | 46 | 32.4% | 838 | 13.3% |
| Presumed Hetero-Unk risk of partner** | 259 | 5.7% | 23 | 9.4% | 52 | 17.8% | 41 | 19.1% | 47 | 22.3% | 37 | 21.3% | 35 | 18.9% | 32 | 19.0% | 20 | 14.1% | 573 | 9.1% |
| Undetermined/Other*** | 132 | 2.9% | 14 | 5.7% | 12 | 4.1% | 5 | 2.3% | 14 | 6.6% | 13 | 7.5% | 13 | 7.0% | 20 | 11.9% | 26 | 18.3% | 265 | 4.2% |
| Pediatric | 59 | 1.3% | 0 | 0.0% | 1 | 0.3% | 0 | 0.0% | 1 | 0.5% | 1 | 0.6% | 1 | 0.5% | 0 | 0.0% | 0 | 0.0% | 66 | 1.1% |
| TOTAL (% of total) | 4,511 | 71.8% | 244 | 3.9% | 292 | 4.6% | 215 | 3.4% | 211 | 3.4% | 174 | 2.8% | 185 | 2.9% | 168 | 2.7% | 142 | 2.3% | 6,280 | 100.0% |

*Row totals include cases diagnosed in 2005 & 2006.

** Risk of partner unknown and primary risks denied; definition revised 7/1/99.

***Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure.

& Boston Cases do not include prisoners.